

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L1 | 1 | (liquid crystal display or LCD) and vertical scanning frequency and horizontal scanning frequency and detect\$6 and change\$6 and threshold value | US-PGPUB | ADJ | ON | 2007/10/11 11:30 |

Interference Search History

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1 | (liquid crystal display or LCD) and vertical scanning frequency and horizontal scanning frequency and detect\$6 and change\$6 and threshold value | US-PGPUB | ADJ | ON | 2007/10/11 11:30 |
| S1 | 309 | (horizontal and vertical) adj scan\$6 adj frequency and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:39 |
| S2 | 0 | (horizontal and vertical) adj scan\$6 adj frequency adj change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:41 |
| S3 | 0 | (horizontal and vertical) adj scan\$6 adj frequency adj (change\$6 or Vary\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:40 |
| S4 | 1 | (horizontal and vertical) adj scan\$6 adj frequency near3 (change\$6 or Vary\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:47 |
| S5 | 0 | (horizontal and vertical) adj scan\$6 adj frequency adj detect\$6 and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:45 |
| S6 | 2 | (horizontal and vertical) adj scan\$6 adj frequency near3 detect\$6 and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:04 |
| S7 | 112 | (horizontal and vertical) adj scan\$6 adj frequency and gate\$1 and detect\$6 and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:44 |
| S8 | 8 | (horizontal and vertical) adj scan\$6 adj frequency and gate\$1 and detect\$6 and change\$6 near6 voltage\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 14:14 |

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|-----|--------|---|---|-----|-----|------------------|
| S9 | 3 | (horizontal and vertical) adj scan\$6 adj frequency same change\$6 same voltage\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:56 |
| S10 | 20 | (horizontal and vertical) adj scan\$6 adj frequency same change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:56 |
| S11 | 3 | (horizontal and vertical) adj scan\$6 adj frequency and (gate\$1 same detect\$6 same change\$6 same voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/02/28 08:56 |
| S12 | 102 | (horizontal and vertical) adj scan\$6 adj frequency and gate\$1 and detect\$6 and change\$6 and voltage\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 13:59 |
| S13 | 102 | ((horizontal and vertical) adj scan\$6 adj frequency) and gate\$1 and detect\$6 and change\$6 and voltage\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/08/11 14:17 |
| S14 | 2 | (horizontal and vertical) adj scan\$6 adj frequency near3 detect\$6 and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/02/28 08:52 |
| S15 | 40712 | horizontal and vertical and frequency and change\$6 and magnitude | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/02/28 08:59 |
| S16 | 1 | "5398040".pn. | USPAT | OR | OFF | 2007/02/28 08:54 |
| S17 | 0 | S15 and S16 | USPAT | OR | OFF | 2007/02/28 08:59 |
| S18 | 1 | "4128846".pn. | USPAT | OR | OFF | 2007/02/28 08:56 |
| S19 | 1 | S15 and S18 | USPAT | OR | OFF | 2007/02/28 08:56 |
| S20 | 424009 | change\$6 and magnitude | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/02/28 09:00 |
| S21 | 0 | S20 and S16 | USPAT | OR | OFF | 2007/02/28 09:00 |

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|-----|--------|---|--|-----|-----|------------------|
| S22 | 612464 | magnitude | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/02/28 09:00 |
| S23 | 0 | S22 and S16 | USPAT | OR | OFF | 2007/02/28 09:00 |
| S24 | 1 | (liquid crystal display or LCD) and vertical scanning frequency and horizontal scanning frequency and detect\$6 and change\$6 and threshold value | US-PGPUB | ADJ | ON | 2007/10/11 11:30 |
| S25 | 2 | (liquid crystal display or LCD) and vertical scanning frequency and horizontal scanning frequency and detect\$6 and change\$6 and threshold value | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:21 |
| S26 | 0 | (horizontal and vertical) adj scan\$6 adj frequency adj detect\$6 and change\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:45 |
| S27 | 1 | (horizontal and vertical) adj scan\$6 adj frequency near3 (change\$6 or Vary\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:47 |
| S28 | 1 | (horizontal and vertical) adj scan\$6 adj frequency near3 (change\$6 or Vary\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/08 13:47 |